

CLAIMS

1. A method of manufacturing a disposable examination glove comprising:
5 forming a disposable glove from a flexible material;
coating an interior surface of said glove with a liquid carrier, Aloe Vera, and at least one alpha hydroxy acid, and
removing said liquid carrier from the coating to form a substantially dry coating of Aloe Vera and said at least one alpha hydroxy acid, said coating being
10 attached to said interior surface of said glove so that the coating contacts the hand of a person wearing said glove.
2. The method of claim 1 wherein said disposable glove is made from a natural rubber latex.
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3. The method of claim 1 wherein said liquid carrier is removed from said coating by evaporation.
4. The method of claim 1 wherein said glove is made of a single layer of
20 flexible material prior to being coated.
5. The method of claim 1 wherein said liquid carrier is water.
6. The method of claim 1 wherein said coating is formed by dipping said
25 glove into said liquid carrier containing Aloe Vera and said at least one alpha hydroxy acid.
7. The method of claim 1 wherein said coating is formed by spraying said glove with said liquid carrier containing Aloe Vera and said at least one alpha
30 hydroxy acid.
8. The method of claim 1 wherein said glove is inside out when said coating is applied to said interior surface.

9. The method of claim 1 wherein said glove is turned right side out after evaporating said liquid carrier from the coating to form a substantially dry coating attached to said interior surface.

5 10. A method of manufacturing a disposable examination glove comprising:

forming a disposable glove from a single layer of flexible material;

applying a coating of a liquid carrier, Aloe Vera, and at least one alpha hydroxy acid, to an interior surface of said glove; and

10 removing said liquid carrier to form a substantially dry coating of Aloe Vera and said at least one alpha hydroxy acid, said coating being attached to said interior surface of said glove so that the coating contacts the hand of a person wearing said glove.

15 11. A method of manufacturing a disposable examination glove comprising:

forming a disposable glove from a single layer of natural rubber latex;

applying a coating of a liquid carrier, Aloe Vera, and at least one alpha hydroxy acid to the surface of said glove that is normally the inner surface of said glove but is the outer surface when said coating is applied;

20 removing said liquid carrier to form a substantially dry coating of Aloe Vera and said at least one alpha hydroxy acid, said coating being attached to the surface of said glove while said glove is still turned inside out; and

25 turning the glove right side out, so that the coating contacts the hand of a person wearing said glove.

12. A method of reducing the adverse effects of a disposable glove on the skin of a person wearing the glove, comprising coating the interior surface of the glove with Aloe Vera and at least one alpha hydroxy acid, said coating being attached to said interior surface.

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13. A disposable glove comprising:

a flexible material forming a cavity shaped to receive a hand; and

a coating on the interior surface of said cavity for contacting a hand inserted into said cavity, said coating comprising Aloe Vera and at least one alpha hydroxy acid.

5 14. The disposable glove of claim 13 wherein said flexible material is selected from the group consisting of natural latex rubber, acrylonitrile, and polyvinyl chloride.

10 15. The disposable glove of claim 13 wherein said flexible material consists of only a single layer.

16. The disposable glove of claim 13 wherein said coating is distributed substantially evenly over said interior surface.

15 17. The disposable glove of claim 13 wherein said coating is formed by applying a liquid carrier containing Aloe Vera and at least one alpha hydroxy acid to said interior surface, and then removing liquid carrier from the coating to form a substantially dry coating of Aloe Vera and said at least one alpha hydroxy acid.

20 18. The disposable glove of claim 13 wherein said disposable glove is an examination glove.

19. The disposable glove of claim 13 wherein said coating consists essentially of Aloe Vera and at least one alpha hydroxy acid.

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20. The disposable glove of claim 19 wherein said alpha hydroxy acid is glycolic acid.

21. A disposable examination glove comprising:
30 a flexible material forming a cavity shaped to receive a hand, said flexible material consisting essentially of at least one material selected from the group consisting of natural latex rubber, acrylonitrile and polyvinyl chloride; and
 a coating on the interior surface of said cavity for contacting a hand inserted into said cavity, said coating consisting essentially of Aloe Vera and at least one alpha

hydroxy acid, said coating being formed by applying a liquid carrier containing Aloe Vera and said at least one alpha hydroxy acid to said interior surface, and then heating the coating to evaporate liquid carrier and form a substantially dry coating of Aloe Vera and said at least one alpha hydroxy acid bonded to said flexible material.

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22. A method of manufacturing protective gloves, the method comprising:
forming a glove on a mold, applying a liquid carrier containing Aloe Vera and at least one alpha hydroxy acid to said glove while the glove is on the mold so as to form a coating, removing said liquid carrier from said coating to form a substantially
10 dry coating of Aloe Vera and said at least one alpha hydroxy acid while the glove is on the mold, and removing the glove from the mold.

23. The method of claim 22 wherein the forming, applying, removing said liquid carrier, and removing said glove are performed on an automatic production
15 line.

24. The method of claim 22 wherein the removing of said liquid carrier includes evaporating liquid carrier from the coating that has been applied onto the glove while the glove is on the mold.
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25. The method of claim 22 including further drying the coating that has been applied onto the glove after the glove is no longer on the mold.

26. The method of claim 22 wherein the applying of said liquid carrier
25 comprises spraying or dripping said liquid carrier onto the glove while the glove is on the mold.

27. The method of claim 22 wherein said glove on said mold is considered to be inside out, whereby the outwardly facing surface of said glove that is on said
30 mold is the surface that will face a hand when the glove is worn.

28. The method of claim 22 wherein the applying of said liquid carrier comprises dipping said glove while said glove is on said mold into a quantity of said liquid carrier.

29. The method of claim 28 wherein said glove on said mold is considered to be inside out, whereby the outwardly facing surface of said glove that is on said mold is the surface that will face a hand when said glove is worn.

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30. The method of claim 22 wherein said coating applied to said glove consists essentially of water, Aloe Vera, and said at least one alpha hydroxy acid.

31. The method of claim 22 including further drying the solution that has
10 been applied onto the glove after the glove is no longer on the mold, and wherein the method is performed on an automatic production line,
said glove on said mold is considered to be inside out, whereby an outwardly facing surface of said glove that is on said mold is the surface that will face a hand when said glove is worn,

15 said liquid carrier is water,
the applying of said coating comprises spraying or dripping said liquid carrier onto said glove while said glove is on said mold, and

the at least partially drying includes heating said glove while said glove is on said mold to remove liquid carrier from said coating that has been applied onto said
20 glove.